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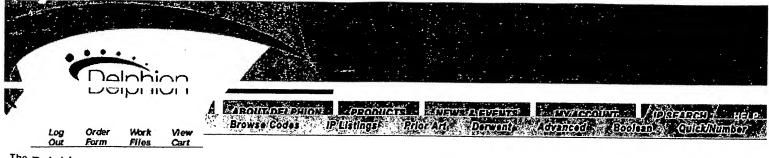
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Title: JP1140558A2: MANUFACTURE OF DRY BATTERY

► Want to see a more descriptive title highlighting what's new about this invention?

Country:

JP Japan

Kind:

Inventor(s):

SHINODA KENICHI NISHIO MASATAKE TAKESHIMA TAKAOKI WATANABE NOBUAKI

Applicant/Assignee:

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Issued/Filed Dates:

June 1, 1989 / Nov. 26, 1987

Application Number:

JP1987000298314

IPC Class:

H01M 6/08; H01M 4/75;

Priority Number(s):

Nov. 15, 1999 JP1999000323598

Abstract:

Purpose: To prevent an air ingress from a carbon rod even after a long storage period and manufacture a dry battery of high sealing performance by providing a paraffin thin film on the edge of the carbon rod in a manufacture process.

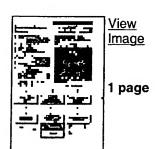


Constitution: The predetermined amount of paraffin 5 is applied to the upper edge of a carbon rod 4 provided at the center of a positive pole laminating agent 3 stored in a zinc can 1 and then the paraffin 5 is fused under a heating atmosphere like the exposure of a dry battery to heating in a furnace. After cooling and solidification, a thin film of the paraffin 5 is formed on the upper edge of the carbon rod 4. In this case, the amount of the paraffin 5 applied to the upper edge of the carbon rod 4 is so decided as to form a thin film covering, for example, 30% to 70% of the upper edge area of the carbon rod 4. Consequently, the paraffin 5 is formed on the upper edge of the carbon rod 4 after heating. Thereafter, upper cover paper 6 is placed on the positive pole laminating agent, a sealing agent 7 comprising pitch and the like is applied to the external surface of the carbon rod 4 and furthermore a synthetic resin sealing body 8 having a carbon rod insertion hole is kept in contact with the opening of the zinc can 1. And a metal negative terminal plate 11 is positioned on the bottom of the zinc can 1 and a metal positive terminal plate 10 is fitted on the sealing body 8. COPYRIGHT: (C)1989, JPO& Japio

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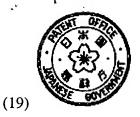
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(71) Applicant: FUJI ELELCTROCHEM CO LTD

(72) Inventor: SHINODA KENICHI NISHIO MASATAKE TAKESHIMA TAKAOKI WATANABE NOBUAKI

(74) Representative:

(54) MANUFACTURE OF DRY BATTERY

(57) Abstract:

PURPOSE: To prevent an air ingress from a carbon rod even after a long storage period and manufacture a dry battery of high sealing performance by providing a paraffin thin film on the edge of the carbon rod in a manufacture process.

CONSTITUTION: The predetermined amount of paraffin 5 is applied to the upper edge of a carbon rod 4 provided at the center of a positive pole laminating agent 3 stored in a zinc can 1 and then the paraffin 5 is fused under a heating atmosphere like the exposure of a dry pattery to heating in a furnace. After cooling and solidification, a thin film of the paraffin 5 is formed on the ipper edge of the carbon rod 4. In his case, the amount of the paraffin 5 ipplied to the upper edge of the arbon rod 4 is so decided as to form thin film covering, for example, 30% to 70% of the upper edge area of he carbon rod 4. Consequently, the paraffin 5 is formed on the upper

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